

Translation

PATENT COOPERATION TREATY

PCT/JP2003/011651



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference  JFKR-63-PCT	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No.  PCT/JP2003/011651	International filing date ( <i>day/month/year</i> )  11 September 2003 (11.09.2003)	Priority date ( <i>day/month/year</i> )  11 September 2002 (11.09.2002)
International Patent Classification (IPC) or national classification and IPC  H01H 13/48, 1/06		
Applicant	FUJIKURA LTD.	

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
a. <input type="checkbox"/> ( <i>sent to the applicant and to the International Bureau</i> ) a total of _____ sheets, as follows:
<input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
<input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
b. <input type="checkbox"/> ( <i>sent to the International Bureau only</i> ) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items:
<input checked="" type="checkbox"/> Box No. I Basis of the report
<input type="checkbox"/> Box No. II Priority
<input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/> Box No. IV Lack of unity of invention
<input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/> Box No. VI Certain documents cited
<input type="checkbox"/> Box No. VII Certain defects in the international application
<input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand  19 February 2004 (19.02.2004)	Date of completion of this report  09 June 2004 (09.06.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/011651

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

This report is based on translations from the original language into the following language \_\_\_\_\_, which is language of a translation furnished for the purpose of:

- international search (under Rules 12.3 and 23.1(b))
- publication of the international application (under Rule 12.4)
- international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):

The international application as originally filed/furnished

the description:

pages \_\_\_\_\_, as originally filed/furnished  
 pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the claims:

pages \_\_\_\_\_, as originally filed/furnished  
 pages\* \_\_\_\_\_, as amended (together with any statement) under Article 19

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the drawings:

pages \_\_\_\_\_, as originally filed/furnished  
 pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3.  The amendments have resulted in the cancellation of:

- the description, pages \_\_\_\_\_
- the claims, Nos. \_\_\_\_\_
- the drawings, sheets/figs \_\_\_\_\_
- the sequence listing (specify): \_\_\_\_\_
- any table(s) related to sequence listing (specify): \_\_\_\_\_

4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- the description, pages \_\_\_\_\_
- the claims, Nos. \_\_\_\_\_
- the drawings, sheets/figs \_\_\_\_\_
- the sequence listing (specify): \_\_\_\_\_
- any table(s) related to sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/JP 03/11651

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	4-9	YES
	Claims	1-3	NO
Inventive step (IS)	Claims		YES
	Claims	1-9	NO
Industrial applicability (IA)	Claims	1-9	YES
	Claims		NO

## 2. Citations and explanations

Document 1: JP 5-190053 A (Omron Corp.), 30 July 1993

Document 2: Microfilm of specification and drawings annexed to the request of Japanese Utility Model Application No. 152021/1989 (Laid-open No. 91629/1991), (Mitsumi Electric Co., Ltd.), 18 September 1991

Document 3: JP 2001-216865 A (Fuji Denshi Kogyo Kabushiki Kaisha), 10 August 2001

Document 4: Microfilm of specification and drawings annexed to the request of Japanese Utility Model Application No. 61669/1986 (Laid-open No. 175535/1987), (Hokuriku Electric Industry Co., Ltd.), 7 November 1987

The invention set forth in claims 1-3 is disclosed in document 1 (page 3, left column, line 42 to page 4, left column, line 16) cited in the international search report and, therefore, lacks novelty and does not involve an inventive step.

The invention set forth in claims 4 and 7-9 does not involve an inventive step in the light of document 1 and document 2 (page 6, lines 6-19) cited in the international search report. It would be easy for a person skilled in

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the art to apply the three protruding parts and the actuator disclosed in document 2 to the invention disclosed in document 1.

The invention set forth in claim 5 does not involve an inventive step in the light of document 3 (page 3, left column, line 43 to page 3, right column, line 1) cited in the international search report. It would be easy for a person skilled in the art to apply the third leaf spring disclosed in document 3 to the invention disclosed in document 1.

The invention set forth in claim 6 does not involve an inventive step in the light of document 1 and document 4 (page 9, line 3 to page 10, line 1) cited in the international search report. It would be easy for a person skilled in the art to apply the opening portion disclosed in document 4 to the invention disclosed in document 1.